

Converting Colors

XYZ(41.2364, 52.3494, 51.6780)

Have a look what the booklet for
XYZ(41.2364, 52.3494, 51.6780)
contains.

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Color

**XYZ(41.2610, 52.3616,
51.6482)**

Conversions

Conversions Part 1

Format	Color
Hex	8FCCB5
RGB	143, 204, 181
RGB Percent	56%, 80%, 71%
CMY	0.4392, 0.2000, 0.2902
CMYK	0.30, 0.00, 0.11, 0.20
HSL	157°, 37%, 68%
HSV	157°, 30%, 80%
XYZ	41.2610, 52.3616, 51.6482
YIQ	183.1390, -28.9730, -20.0850

Conversions

Conversions Part 2

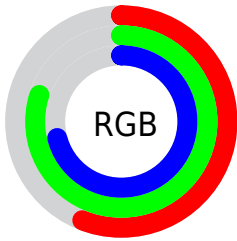
Format	Color
RYB	143, 181, 204
Decimal	9424053
CIELab	77.50, -24.41, 5.22
CIElCh	77, 24.964, 167.922
Yxy	52.3616, 0.2840, 0.3604
Android (android.graphics.Color)	4287614133 (0xFF8FCCB5)
YUV	183.1390, -1.0545, -35.2019
Hunter-Lab	72.3613, -24.8502, 8.3344

Details

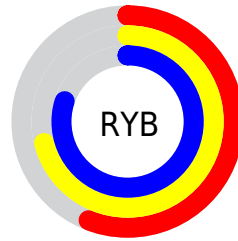
The XYZ color **41.2610, 52.3616, 51.6482** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.6090, 35.2366, 40.6867**, and the grayscale version is **45.1041, 47.4530, 51.6764**.

A 20% lighter version of the original color is **74.3348, 89.6402, 93.5052**, and **19.0191, 25.5449, 24.3503** is the 20% darker color. If you saturate the color by 10%, you get **37.2781, 50.3984, 47.4553**, and if you desaturate by 10%, it is **45.9327, 54.6776, 56.1031**.

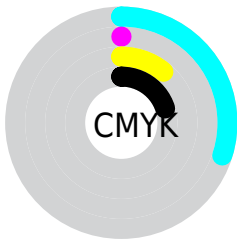
Distribution



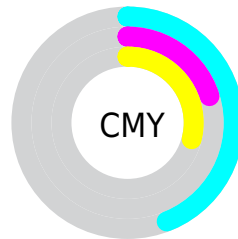
- Red (56%)
- Green (80%)
- Blue (71%)



- Red (56%)
- Yellow (71%)
- Blue (80%)



- Cyan (30%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)





- Cyan (44%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2610, 52.3616, 51.6482 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 41.2610, 52.3616, 51.6482 by changing the saturation by 10% instead.


 41.2610, 52.3616,
51.6482


 41.2610, 52.3616,
51.6482


342.4543,
395.8310, 409.9952

 28.7117, 37.2934,
36.3444


 76.3521, 93.6643,
94.0335

 19.0060, 25.4347,
24.4085


 99.6247, 120.6676,
121.9521

 11.7786, 16.4012,
15.4219


127.2023,
152.4180, 154.9127

 6.6642, 9.8085,
8.9661

159.4503,
189.2999, 193.3339

 3.2975, 5.2722,
4.6226

196.7342,
231.6978, 237.6342

 1.3130, 2.4078,
1.9727

239.4193,

 0.1929, 0.8299,

279.9960, 288.2322

0.5384

287.8708,
334.5790, 345.5463

■ 0.0000, 0.0000,
0.0000

■ 41.2610, 52.3616,
51.6482

■ 41.2610, 52.3616,
51.6482

■ 37.2781, 50.3984,
47.4553

■ 45.9327, 54.6776,
56.1031

■ 33.9439, 48.7634,
43.5155

■ 51.3216, 57.3568,
60.8216

■ 31.2212, 47.4386,
39.8246

■ 57.4599, 60.4172,
65.8097

■ 29.0667, 46.4020,
36.3766

■ 64.3765, 63.8735,
71.0722

■ 27.4314, 45.6284,
33.1653

■ 72.0987, 67.7398,
76.6136

■ 26.2571, 45.0878,
30.1841

■ 76.7206, 70.0024,
82.2545

■ 25.4372, 44.7253,
27.4236

■ 77.8074, 70.4371,
87.9777

■ 25.4298, 44.7221,
27.3978

■ 78.9423, 70.8911,
93.9540

■ 80.1259, 71.3645,
100.1865

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.2143, 52.3616, 41.0410



41.2610, 52.3616, 51.6482



41.4767, 52.3616, 65.5582

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.2610, 52.3616, 51.6482



52.6687, 52.3616, 86.1108



56.2269, 52.3616, 39.5263

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41.2610, 52.3616, 51.6482



41.6090, 35.2366, 40.6867

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.0968, 52.3616, 49.2444



41.2610, 52.3616, 51.6482



56.9532, 52.3616, 76.6690

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.2610, 52.3616, 51.6482



47.8579, 52.3616, 87.0342



59.3709, 52.3616, 62.7367



51.7285, 52.3616, 34.8362

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.2610, 52.3616, 51.6482



42.8231, 52.3616, 74.8902



59.3709, 52.3616, 62.7367



57.4262, 52.3616, 42.2343

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41.2625, 52.3637, 51.6494



85.7427, 95.3593, 101.3547



42.3588, 53.3197, 34.0464



18.0514, 20.2609, 21.4405



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.2625, 52.3637, 51.6494



63.8745, 84.5154, 80.9240



42.1682, 50.0809, 64.5734



11.3569, 12.6525, 13.4370



16.0516, 28.1659, 17.4884



0.8642, 1.4675, 1.0924

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



41.6090, 35.2366, 40.6867



64.5445, 51.5942, 59.8713



40.7863, 36.6717, 30.9159



11.3844, 11.2825, 12.5588



16.5568, 8.4333, 5.3849



0.8907, 0.4497, 0.4705

Previews

White Background



This preview shows how the XYZ color 41.2610, 52.3616, 51.6482 looks on a white background.

Color Contrast Check

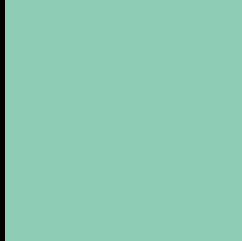
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 41.2610, 52.3616, 51.6482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

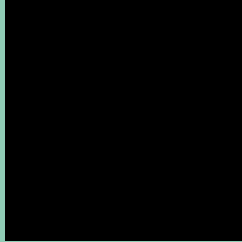
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2610, 52.3616, 51.6482

Background



This preview shows how black text looks on a background with the XYZ color 41.2610, 52.3616, 51.6482.



This preview shows how white text looks on a background with the XYZ color 41.2610, 52.3616,

51.6482.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41.2610, 52.3616, 51.6482

Protanopia

49.3421, 51.8887, 47.4593

Deuteranopia

52.7614, 51.6326, 53.0842



Tritanopia

45.2668, 52.2372, 71.9869

Trichromacy



Original Color

41.2610, 52.3616, 51.6482

Protanomaly

45.8110, 51.6695, 49.1537

Deuteranomaly

47.5322, 51.1614, 52.7173

Tritanomaly

43.6988, 52.2881, 64.2894

Monochromacy



Original Color

41.2610, 52.3616, 51.6482

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.2227, 48.9638, 51.4289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2610, 52.3616, 51.6482 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(143, 204, 181)` looks like.

```
.text, #text, p{  
    color:rgb(143, 204, 181)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(143, 204, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 204, 181) }
```

Border

The CSS property to change the border of an element to XYZ 41.2610, 52.3616, 51.6482 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(143, 204, 181) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(143, 204, 181) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(143, 204, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 204, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 204, 181);  
box-shadow:4px 4px 4px 4px rgb(143, 204,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2610, 52.3616, 51.6482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 204, 181) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(143,  
204, 181) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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